

Thilini Wijesiriwardene

Ph.D. Candidate, AI Institute, University of South Carolina

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EDUCATION

University of South Carolina

Ph.D. in Computer Science

Columbia, SC, USA

Fall 2019 - Present

Wright State University

MS in Computer Science (*Transferred to Ph.D.*)

Dayton, OH, USA

Spring 2018 - Summer 2019

University of Colombo

BS in Information and Communication Technology

Colombo, Sri Lanka

Oct. 2009 - Feb. 2014

WORK EXPERIENCE

AI Institute, University of South Carolina

Graduate Research Assistant

Columbia, SC, USA

Aug. 2019 - Present

National Institute of Health

Research Intern

Bethesda, MD, USA

May 2021 – Jan. 2022

University of Colombo School of Computing

Assistant Lecturer / Instructor

Colombo, Sri Lanka

Oct. 2014 – June 2017

attune Consulting

Associate SAP Consultant (Specialized in Sales and Distribution module)

Colombo, Sri Lanka

Feb. 2014 – Oct. 2014

PUBLICATIONS

Complete List

[\[Google Scholar\]](#)

- [1] “Exploring the Abilities of Large Language Models to Solve Proportional Analogies via Knowledge-Enhanced Prompting”, *COLING*, 2025
(*To Appear*)
- [2] “On the Relationship between Sentence Analogy Identification and Sentence Structure Encoding in Large Language Models”, *EACL*, 2024
- [3] “Why Do We Need Neurosymbolic AI to Model Pragmatic Analogies?”, *IEEE Intelligent Systems*, 2023
- [4] “ANALOGICAL—A New Benchmark for Analogy of Long Text for Large Language Models”, *Findings of ACL*, 2023
- [5] “IMKG: The Internet Meme Knowledge Graph”, *ESWC*, 2023
- [6] “Towards efficient scoring of student-generated long-form analogies in STEM”, *Analogies Workshop at ICCBR*, 2022
- [7] “UBERT: A Novel Language Model for Synonymy Prediction at Scale in the UMLS Metathesaurus.” *arXiv*, 2022
- [8] “Evaluating Biomedical Word Embeddings for Vocabulary Alignment at Scale in the UMLS Metathesaurus Using Siamese Networks”, *Insights from Negative Results in NLP Workshop, Co-located with ACL*, 2022
- [9] “Context-Enriched Learning Models for Aligning Biomedical Vocabularies at Scale in the UMLS Metathesaurus”, *TheWebConf (formerly WWW)*, 2022
- [10] “ALONE: A dataset for toxic behavior among adolescents on Twitter”, *SocInfo*, 2020

VOLUNTEER SERVICES

PC Member

ESWC 2024

Aug. 2017 - Present

Reviewer

ACL 2023, EMNLP 2023, CSCW 2022, ACM Transactions on Computing for Healthcare 2024

Aug. 2017 - Present

Student Volunteer

The 37th AAAI Conference on Artificial Intelligence (AAAI-2023), Washington D.C., USA

Feb. 2020

The 61st Annual Meeting of the Association for Computational Linguistics (ACL-2023), Toronto, Canada

July 2023

REFERENCES

- Dr. Amit Sheth
- Dr. T.K. Prasad

Director, AI Institute, University of South Carolina, Columbia, SC, USA

Department of Comp. Science and Eng., Wright State University, Ohio, USA

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